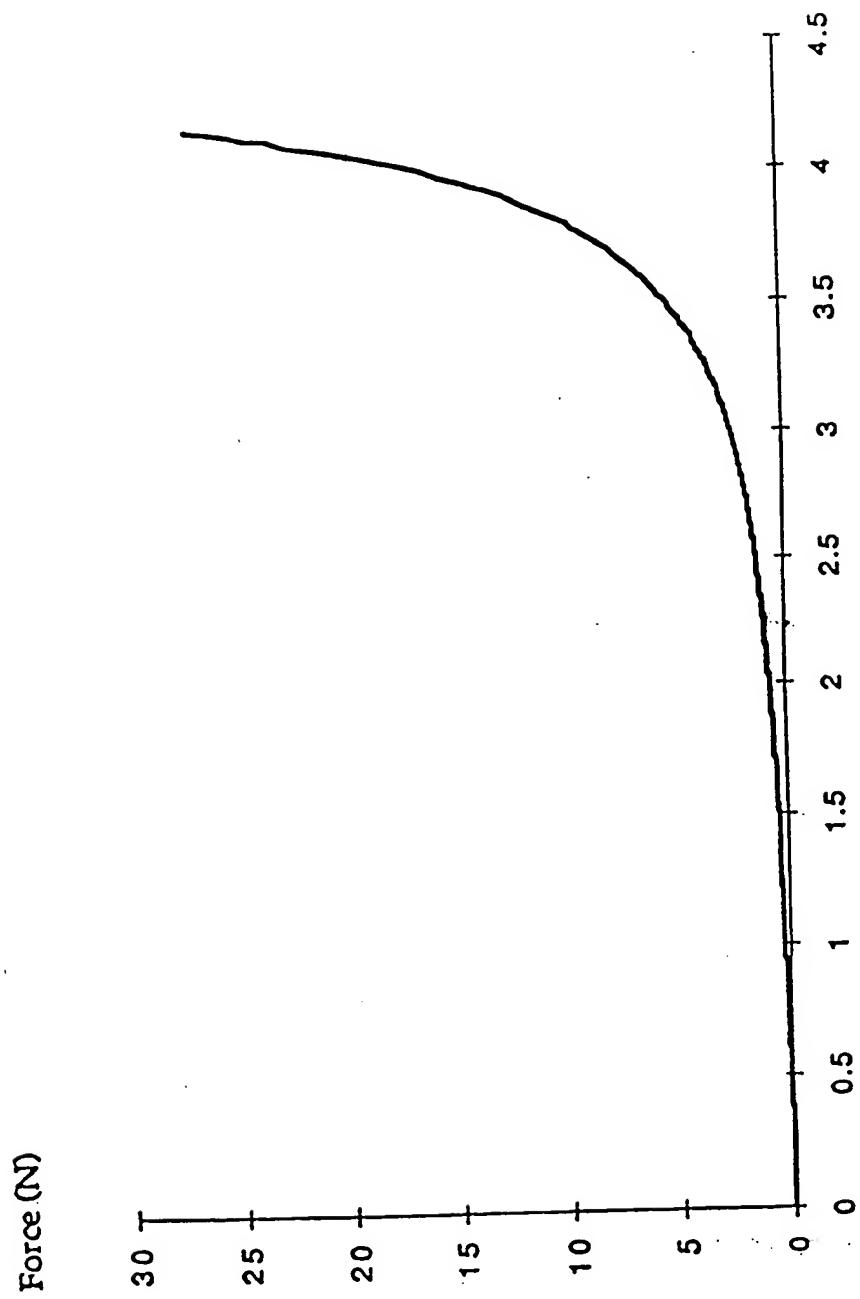


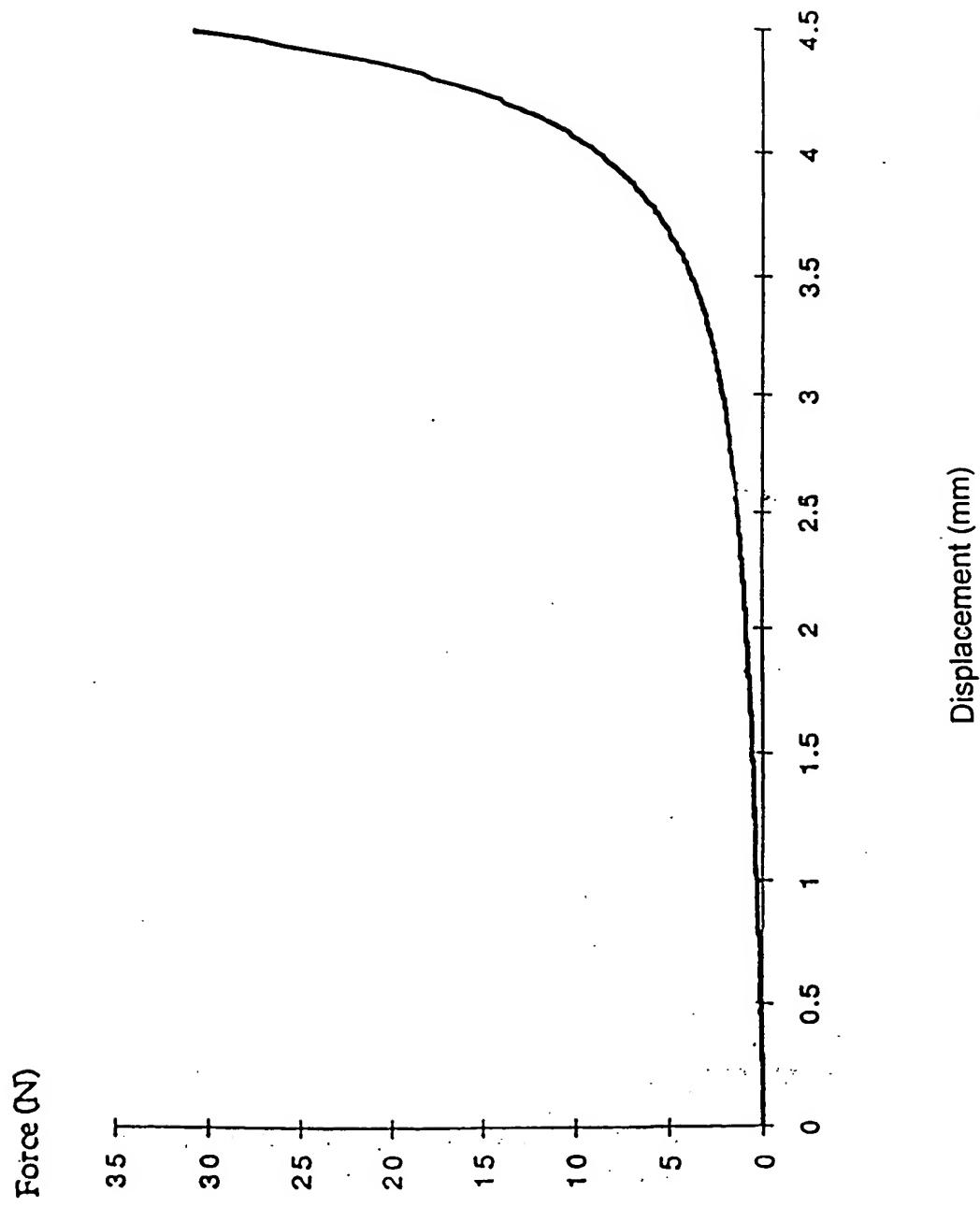
Compression of 5 mm disk (5 mm diameter) at 2 mm/min



Displacement (mm)

Fig. 1

Compression of 5 mm disk (5 mm diameter) at 2 mm/min



Diamine

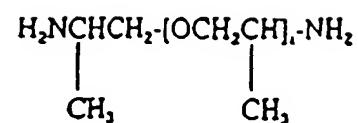


Fig. 3a

Triamine

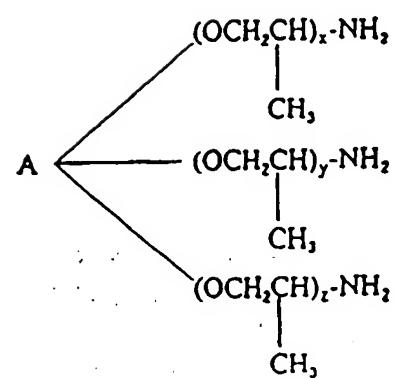
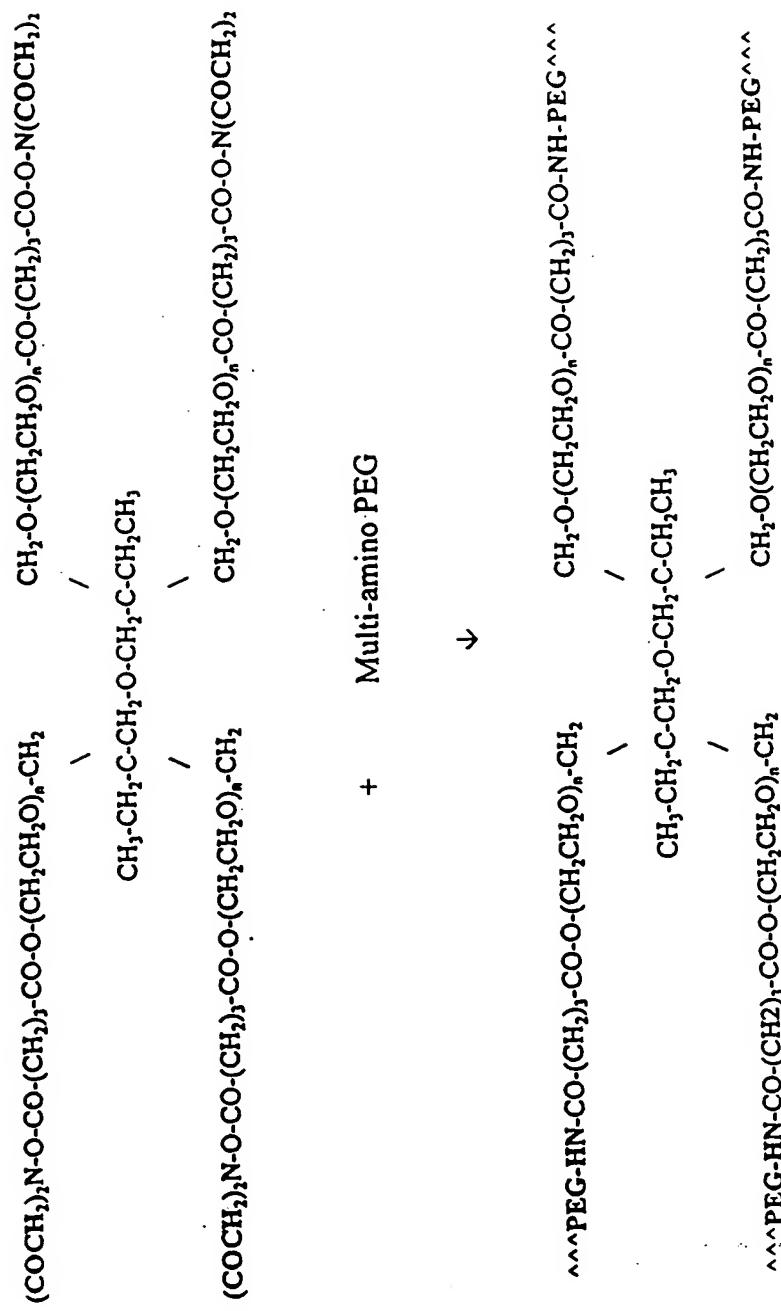


Fig. 3b

SG-PEG: Tetrafunctionally Activated PEG Succinimidyl Glutarate



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Fig. 4

SE-PEG, m=3: Tetrafunctionally Activated PEG Succinimidyl Butylate (Ether Linkage)

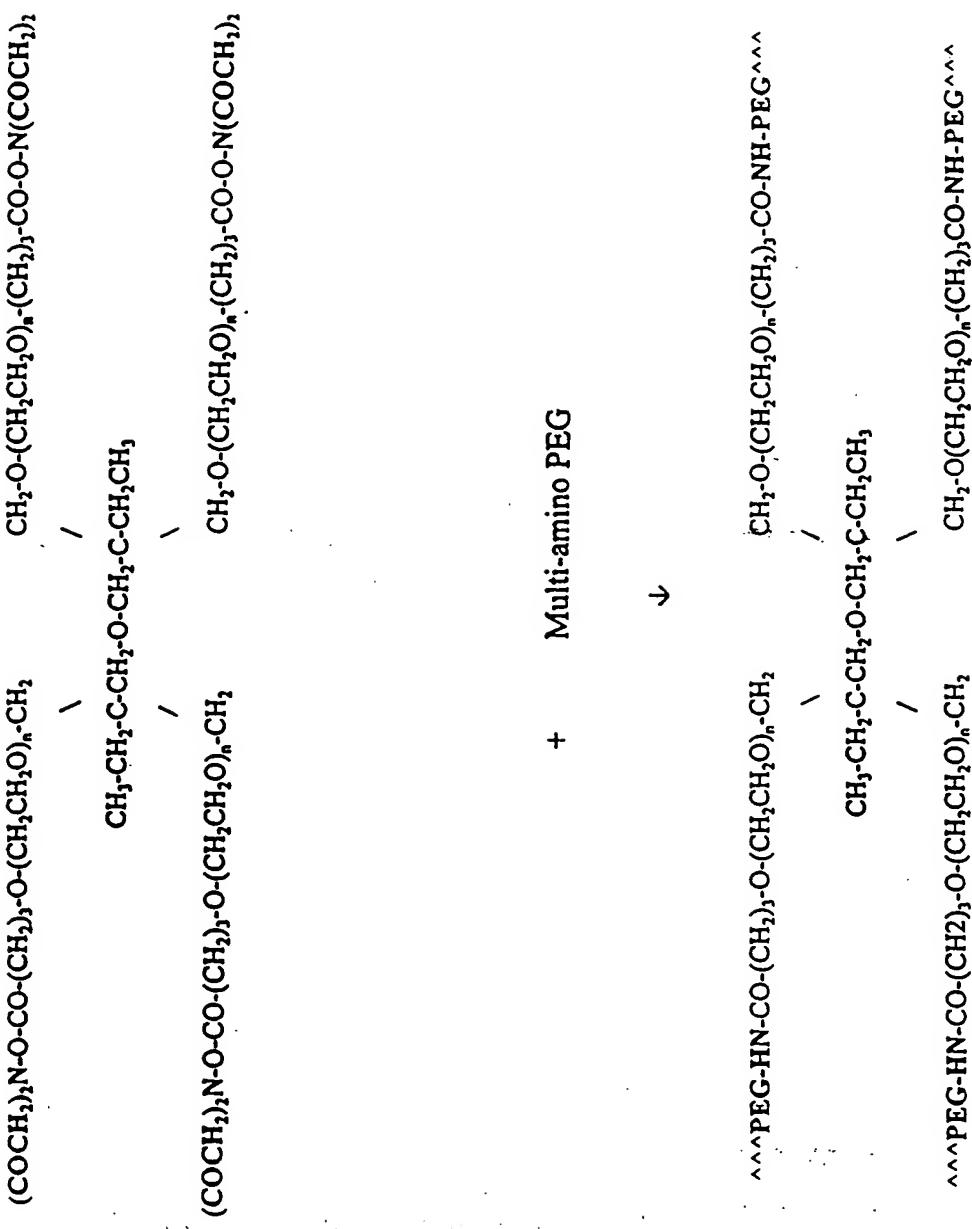


Fig. 5

SE-PEG, m=2 Tetrafunctionally Activated PEG Succinimidyl Butylate (Ether Linkage)

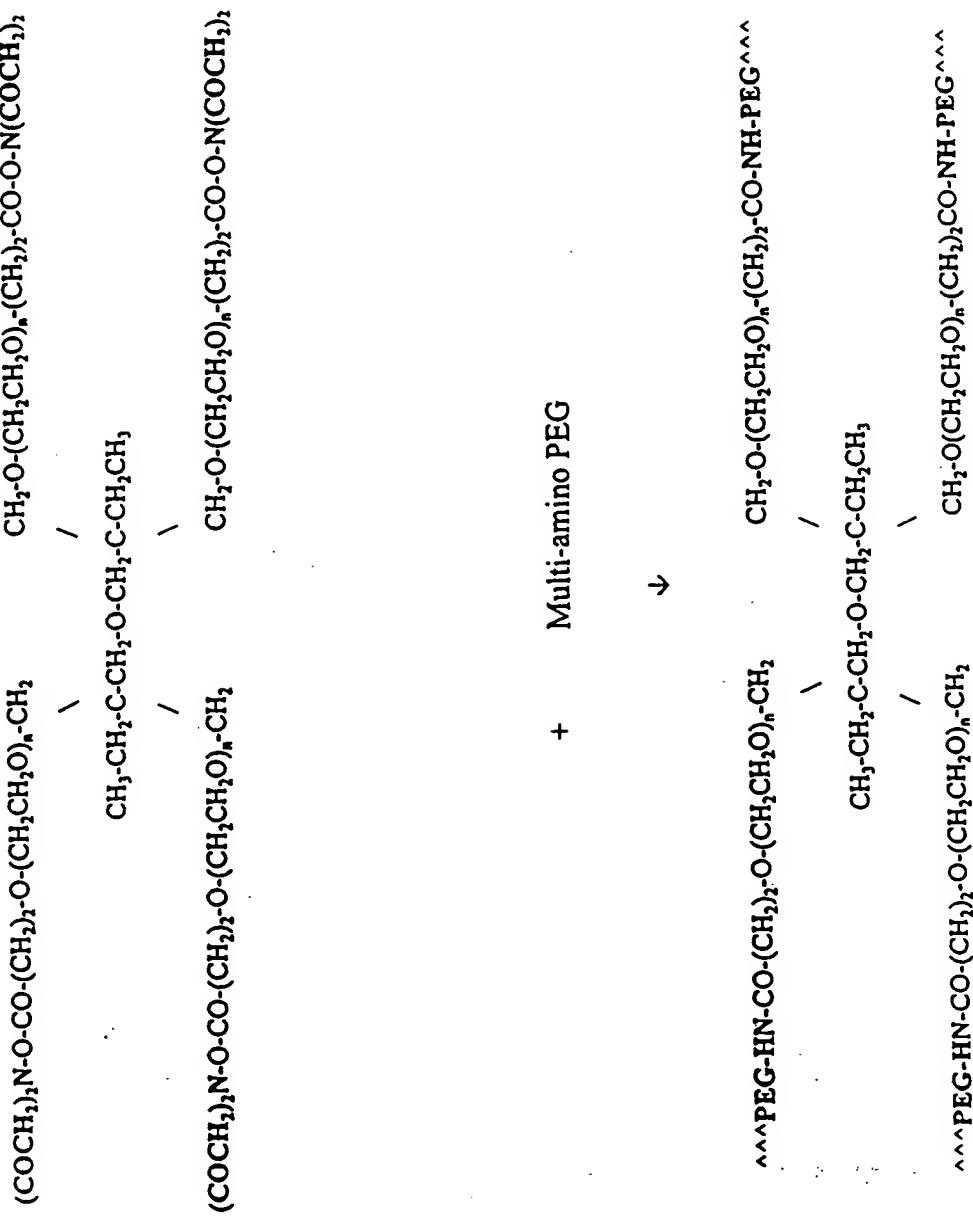


Fig. 6

SE-PEG, m=1 Tetrafunctionally Activated PEG Succinimidyl Acetate (Ether Linkage)

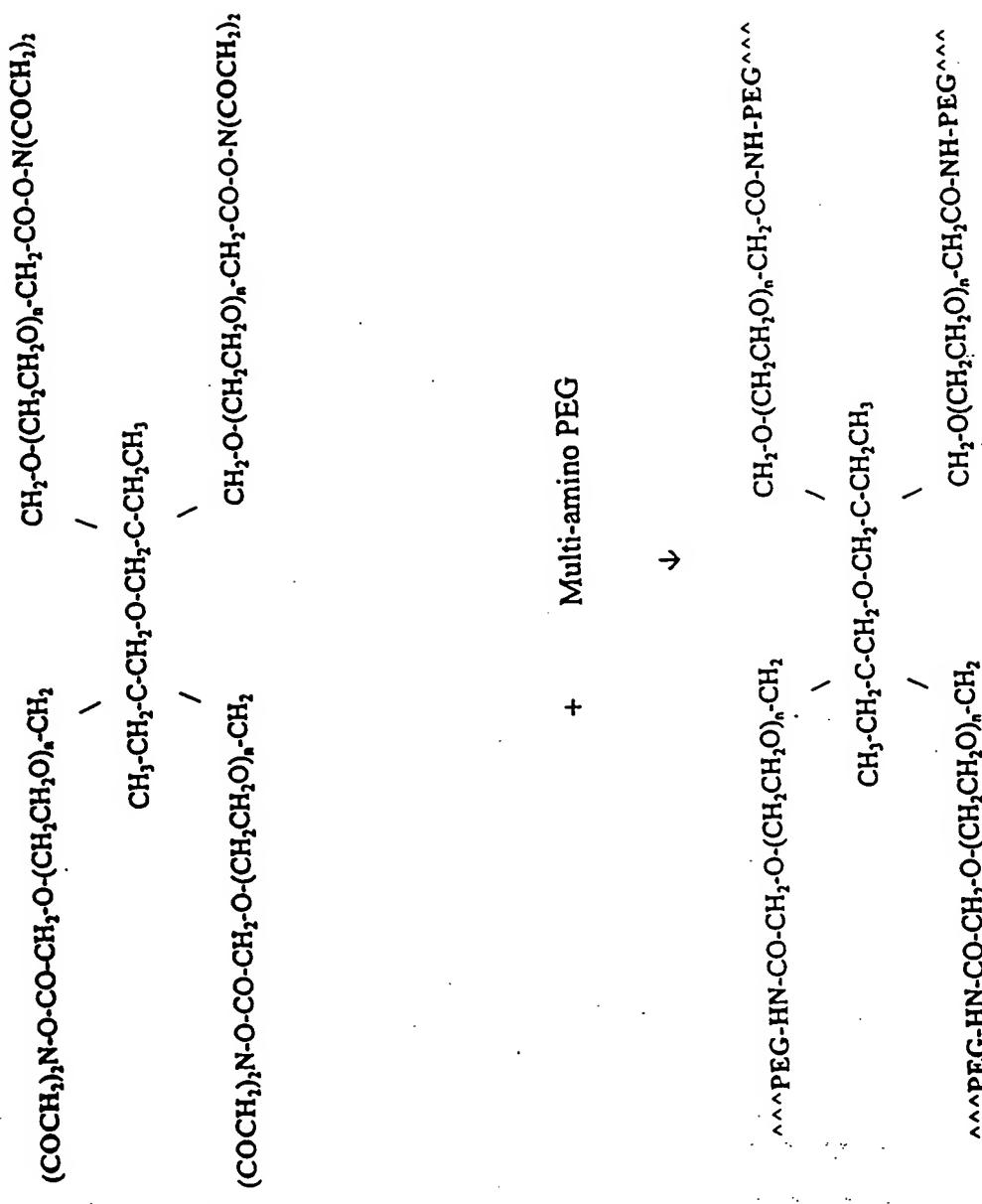
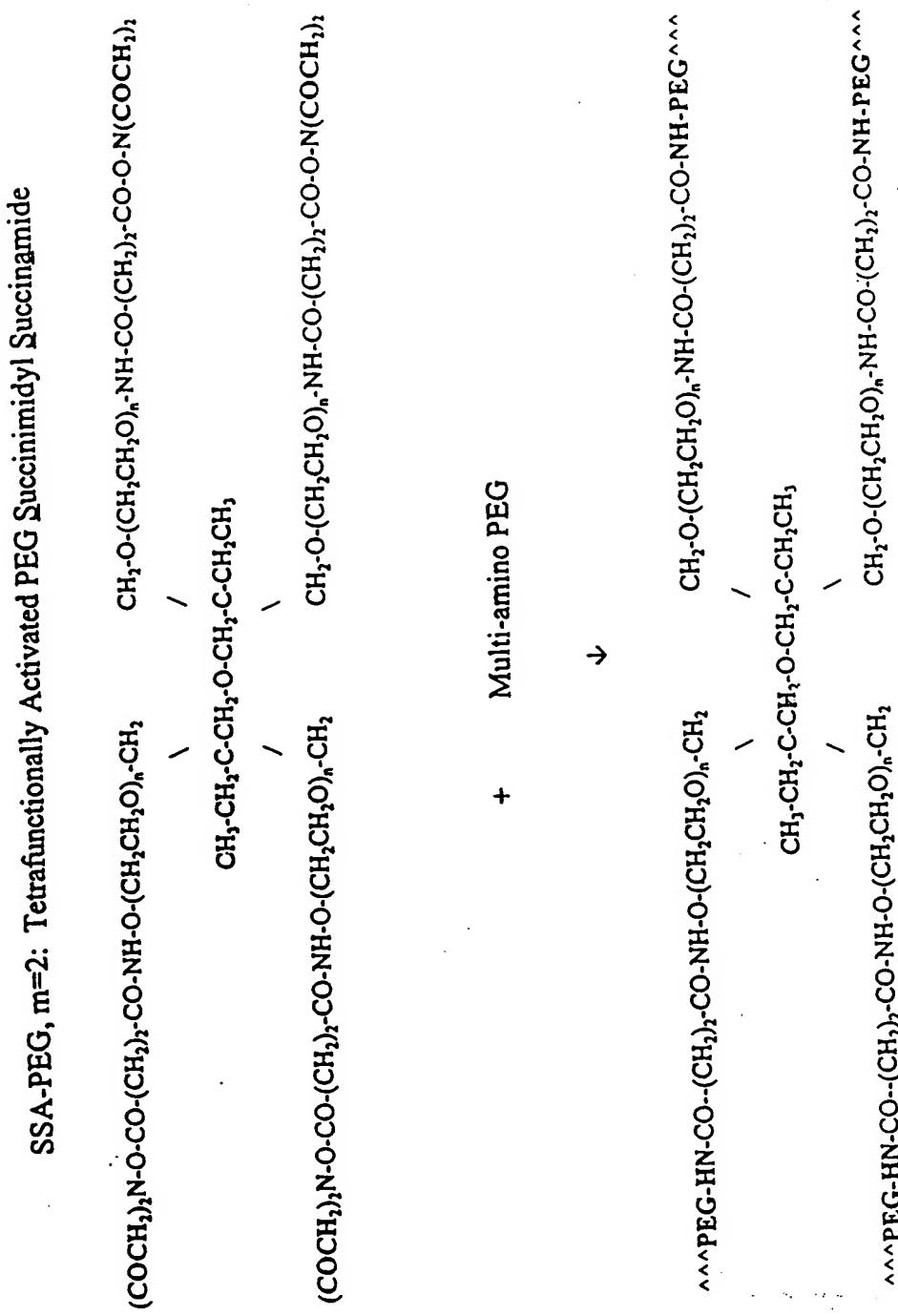


Fig. 7



8
Fig.

SC-PEG, m=0: Tetrafunctionally Activated PEG Succinimidyl Carbonate

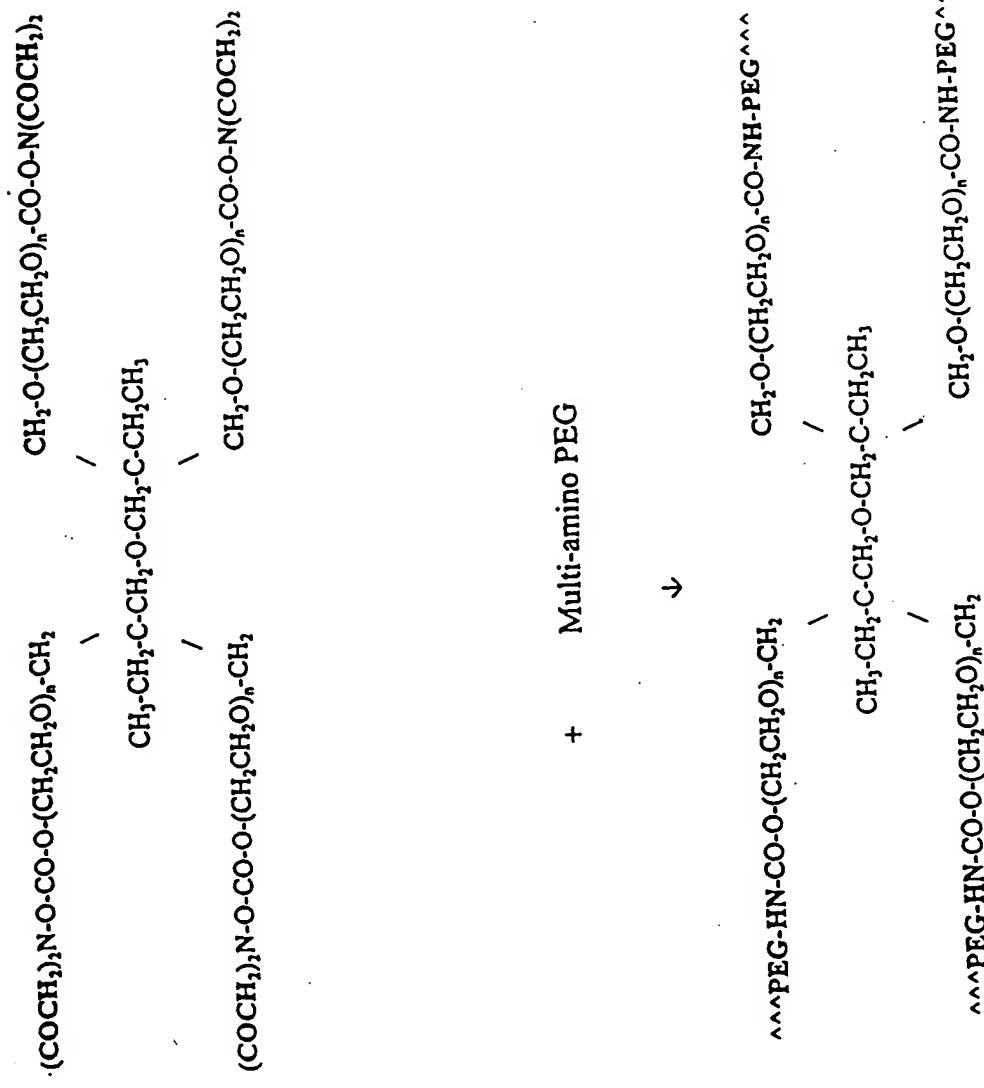


Fig. 9

A-PEG: Tetrafunctionally Activated PEG Propion Aldehyde

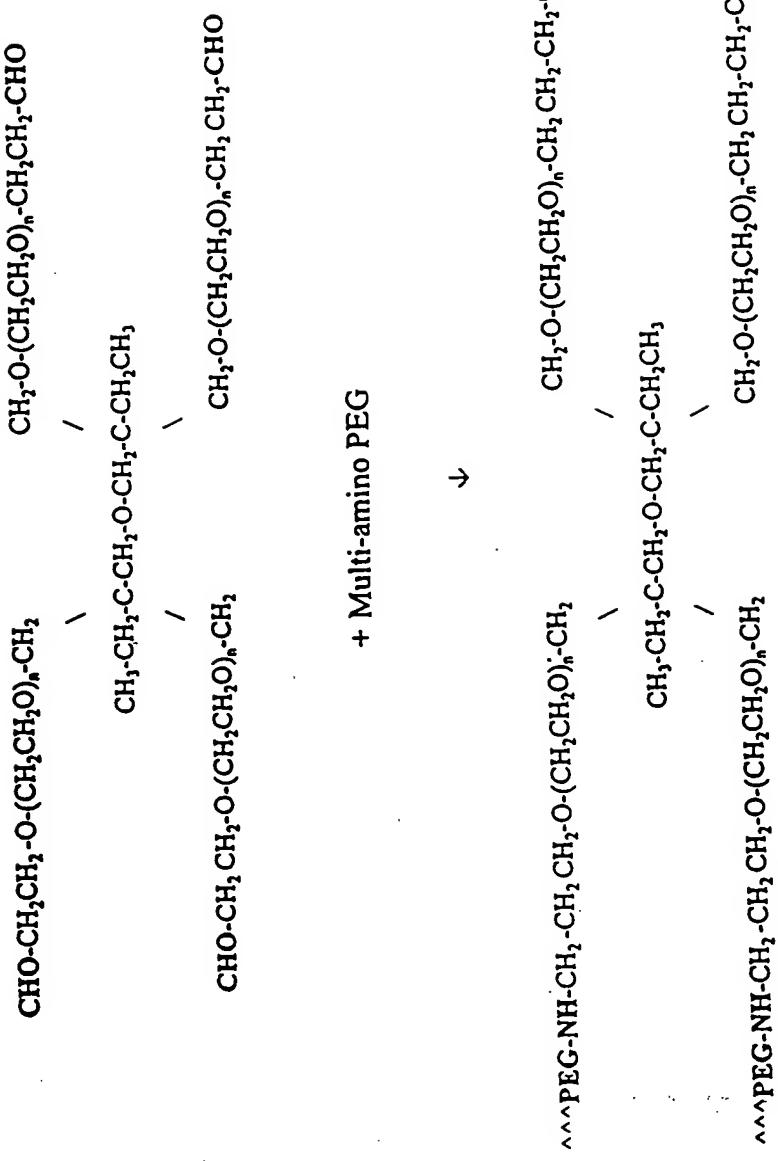


Fig. 10

E-PEG: Tetrafunctionally Activated PEG Glycidyl Ether

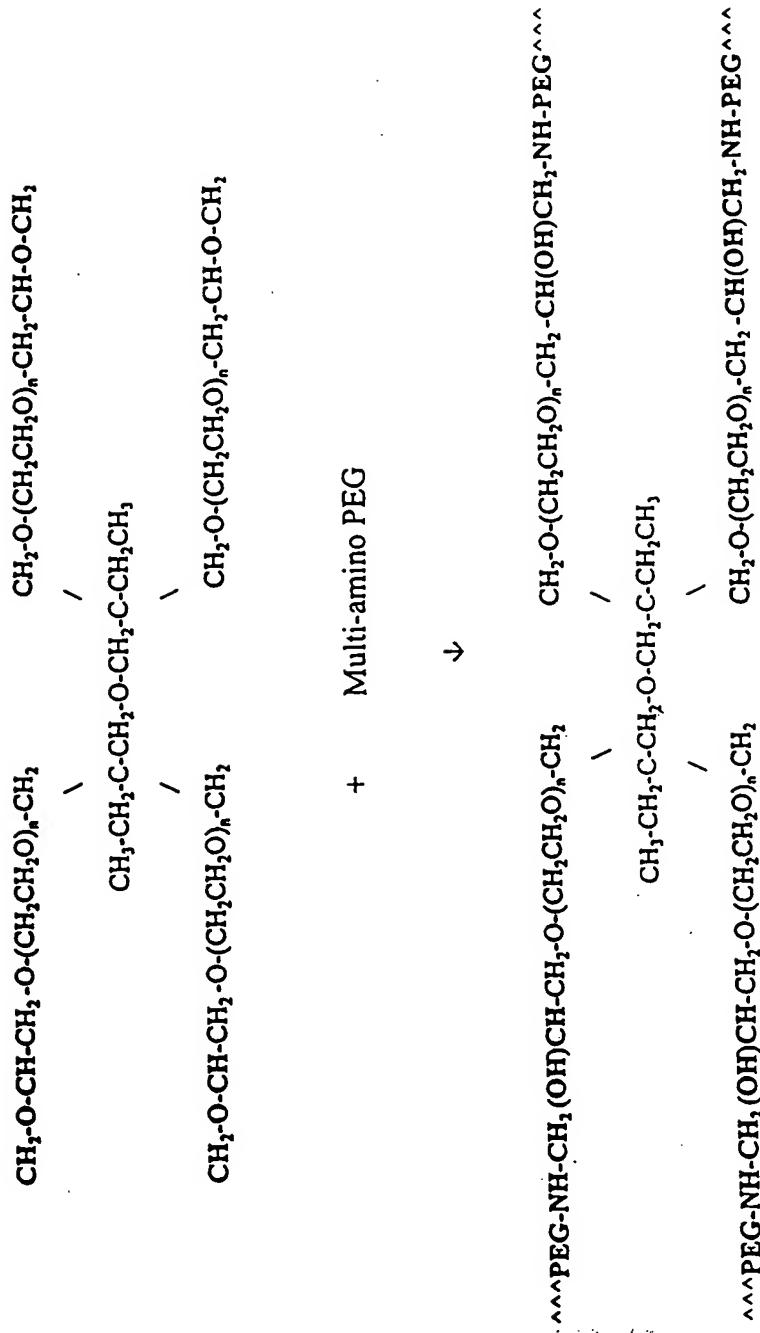


Fig. 11

I-PEG: Tetrafunctionally Activated PEG Isocyanate

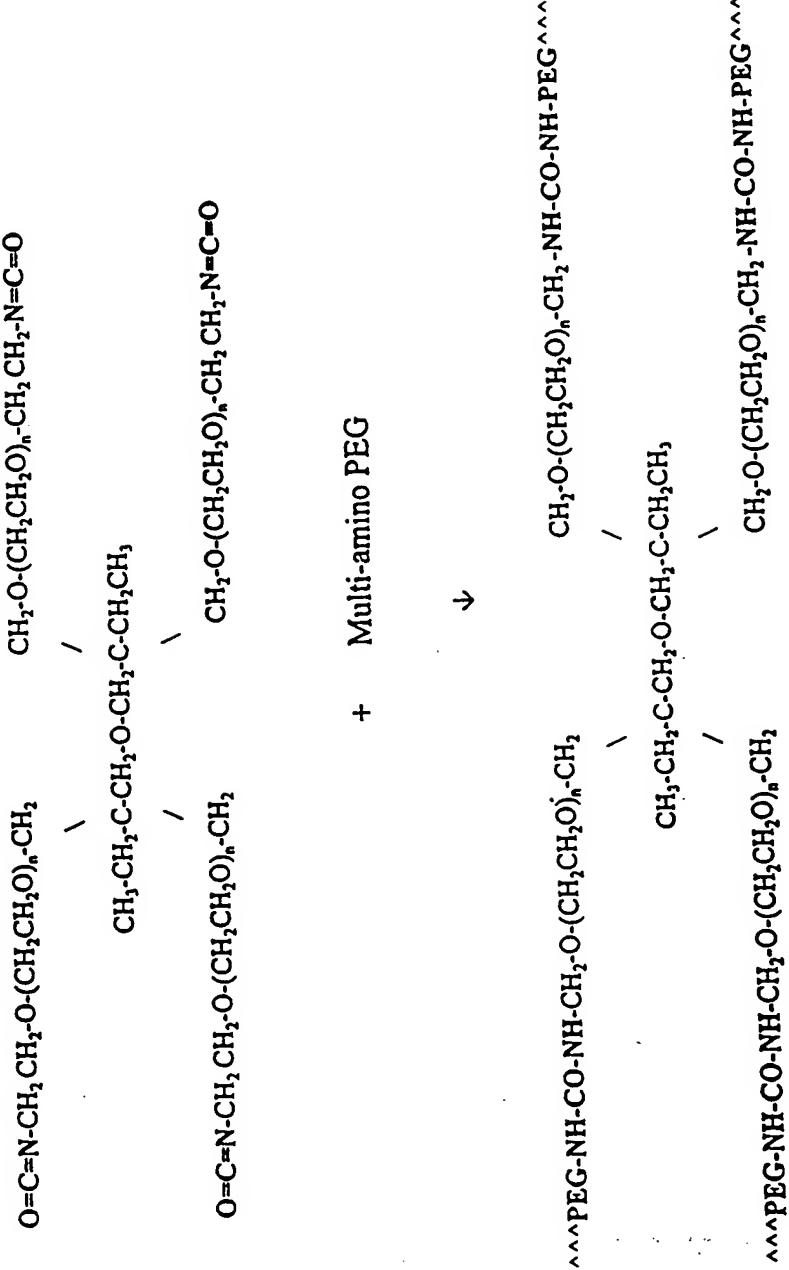


Fig. 12

V-PEG: Tetrafunctional Activated PEG Vinylsulfone

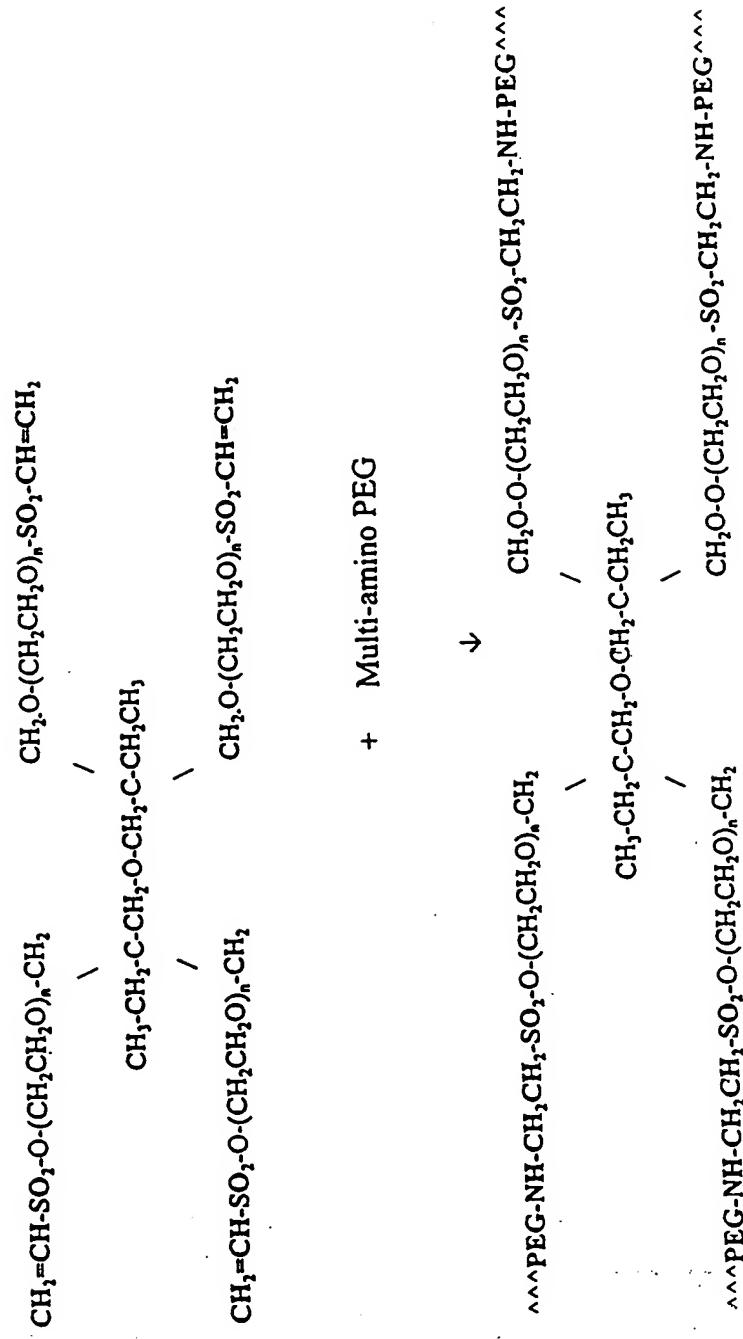


Fig. 13

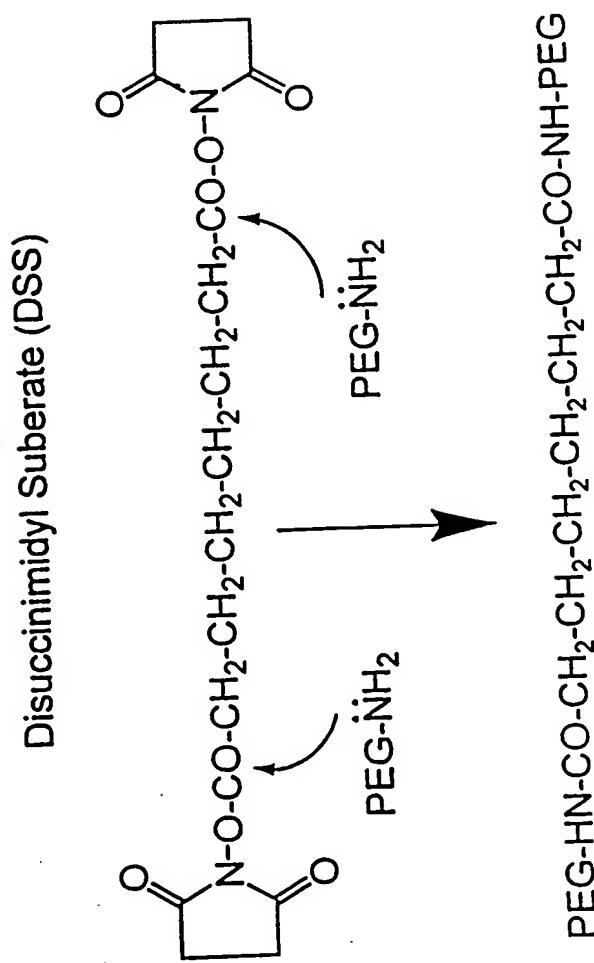


Fig. 14

Dithiobis(succinimidylpropionate) (DSP)

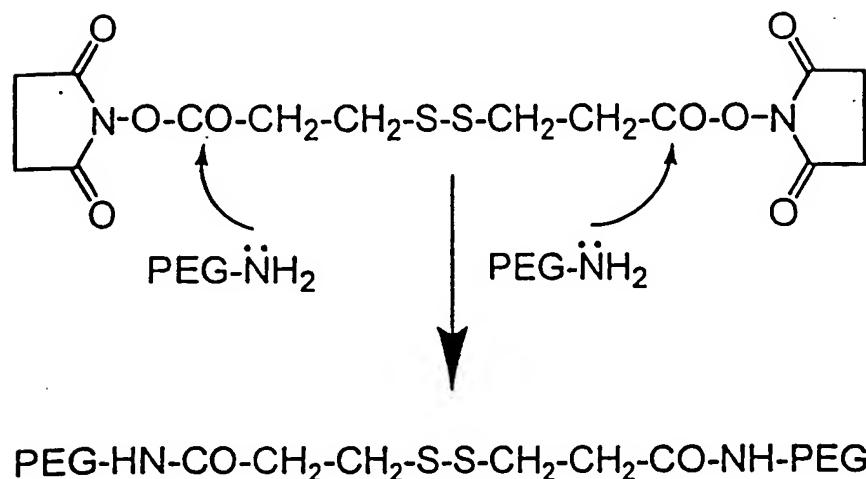


Fig. 15

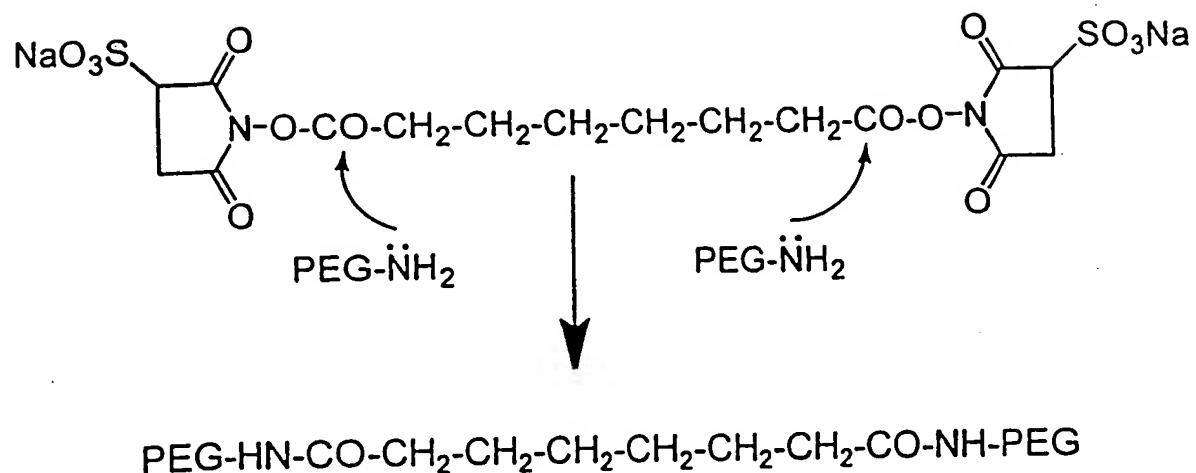
Bis(sulfosuccinimidyl) Suberate (BS³)

Fig. 16

Bis(2-succinimidooxycarbonyloxy)ethyl Sulfone (BSOCOES)

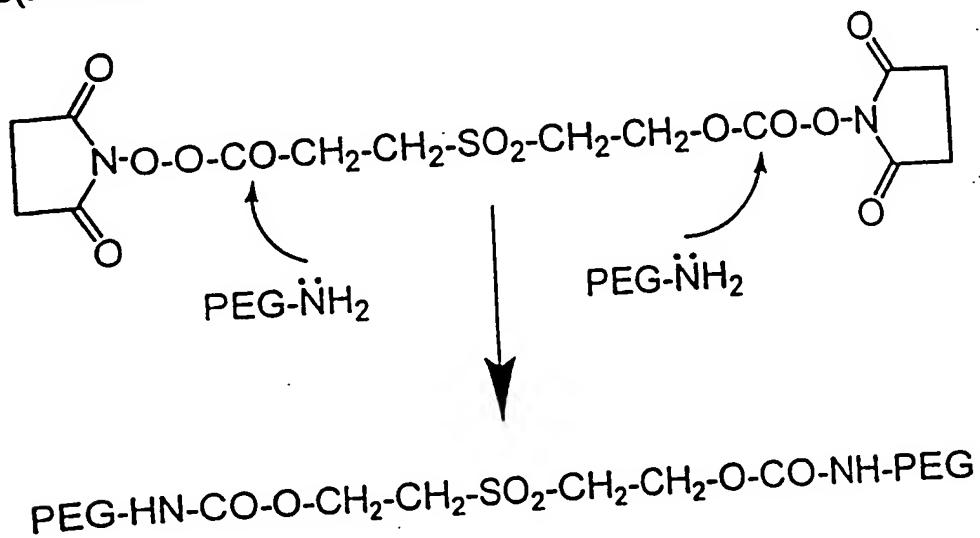


Fig. 17

3,3'-Dithiobis(sulfosuccinimidyl-propionate) (DTSSP)

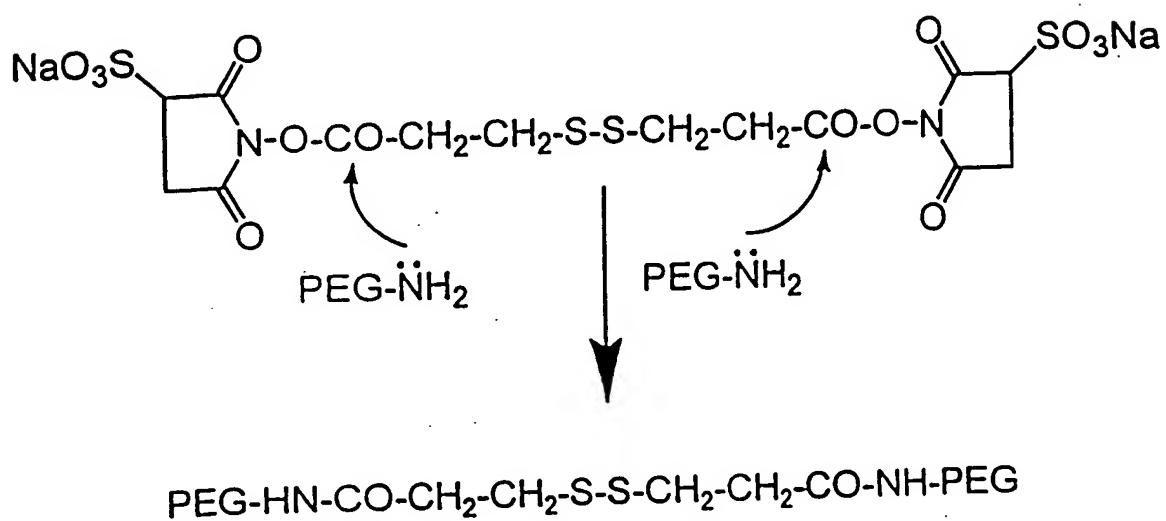


Fig. 18